

ABSTRACT OF THE DISCLOSURE

A process for producing fluorinated C1 HFCs comprising fluorinating a reactive organic compound to produce a reaction product comprising at least the desired C1 HFC, unreacted reactive organic compound and a byproduct having a boiling point between the boiling point of said desired hydrofluorocarbon compound and said reactive organic compound; and removing from the reaction product at least a substantial portion of the byproduct to produce a high purity product stream.